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Master Of Science in Computer Science

Global Product and Technology Intern



Introduction

I have got an opportunity of working as an summer intern for ADP also known as Automatic Data Processing. ADP is an American provider of human resources management software and services. It offers many online services for different types of companies making their work load lesser and easier. Being a computer science their can not be a better way to strengthen the skills and get more experience then working with real time project along with some well experienced coworkers.

Results

Responsibilities:

I was placed in marketing team, which mostly worked on API Integration, first few weeks of my internship I was focusing on developing my bootcamp project that I was assigned. The idea behind my project was to create a web application which consumes ADP API'S and build the frontend so user can visualize the data. I thought of taking some time entry/ time card API to show some analytics of the usage and the data that its received once the time is logged in. It also shows some dynamic graphs so user has ability to filter some data and has easy access to the information and get a better visualization and the knowledge of it. We had a learning aspect of it where first week was getting to know the team better and to get familiar with some work that team do, also reading some documents and self learning courses.

Highlights

I was working with some React components that ADP provided.

Installed some High charts components to use different graphs for my project.

Tested APIS for used purposes. Integrated workers API and time card API.

Used HTML, CSS and JavaScript and NodeJS for code.

Experience:

I was blessed to receive this opportunity through the career fest hosted at KSU. This internship experience was both valuable and helpful to me as a masters student and it gave me the opportunity and exposure to real- time projects and enhanced my skills that are needed to achieve in my future career. I also got to learn lot from my peers and was able to get more knowledge from the project I was working on and doing my own research with it. Being a virtual internship it was very important for us to manage our timings and communicate with the team mates to get the work done and it taught me how to interact professionally and proficiently.

Future Career Plans

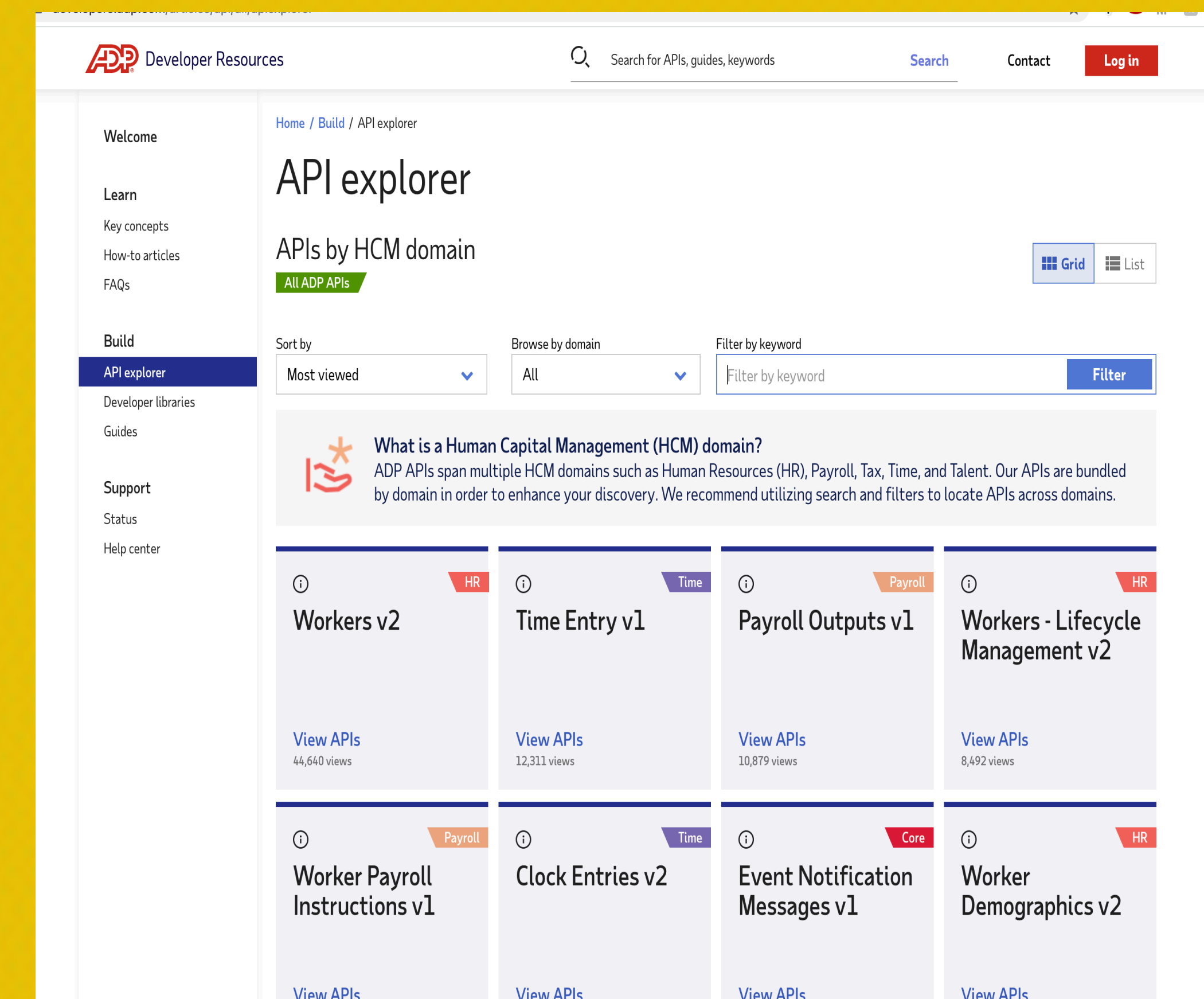
With this experience I will be able to take my learning further and strengthen more skills to achieve many positions as a full stack developer in my future career.

Conclusion

Currently I am able to implement and use some of the workers time card API in my project and to get the graph data that can be accessed by users easily. I had ability to work with my coworkers in getting access to some API data and use it include it in graph.

Materials and methods

I am working with the market place team where I was placed in developers team . The work was mostly based on different API integration for different apps and website that clients have. Market place also has many varieties of apps for their clients based of different needs. I mostly used Javascript, HTML, CSS, React, NodeJS. Tools mostly used were Postman, Bitbucket, VS code.



Literature cited

“Using Python Developer Libraries to Build an End-User Application.” *ADP Developer Resources*, developers.adp.com/articles/guides/build-end-user-app-w-dev-lib-Python.
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I was able to receive good comments from the team while presenting one of my project that I worked for a KSU course.

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